Response Under 37 CFR 1.116
Expedited Procedure
Examining Group 1700
Application No. 10/661,964
Paper Dated August 17, 2006
In Reply to USPTO Office Action dated May 18, 2006
Attorney Docket No. 1886A1/RC

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

- 1. 14. Cancelled
- 15. (Currently amended) A coating composition for applying to a substrate comprising:

a resinous binder having dispersed therein colorants and reflective pigments, wherein said colorants absorb visible light at a first wavelength band and produce fluorescent light at a second wavelength band when exposed to visible light, said coating composition exhibiting a first appearance on face dominated by absorbance of light by said colorants and a second appearance on flop dominated by fluorescence of the colorants, wherein the concentration of said colorants in the coating composition is about 0.001 wt.% to about 50 wt.%, and wherein when the colorant comprises colorant pigments, the colorant pigments do not induce significant diffuse reflectance_size of the pigment particles is selected so that the pigment particles will not scatter light effectively.

- 16. (Previously Presented) The coating composition of claim 15, wherein the concentration of said colorants in said coating composition is about 0.001 wt.% to about 20 wt.%.
- 17. (Previously Presented) The composition of claim 15, wherein said colorants comprise dyes or pigments.
- 18. (Currently amended) The coating composition of claim 17, wherein said dyes are selected from the group consisting of acridines, anthraquinones, coumarins, diphenylmethanes, diphenylmethanes, quinolones, stilbenes and triphenylmethanes.
- 19. (Previously Presented) The coating composition of claim 17, wherein said pigments are selected from the group consisting of azo (monoazo, disazo), naphthol, naphthol AS, salt type (lakes), benzimidazolone, condensation, metal complex, isoindolinone, isoindoline and

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polycyclic (phthalocyanine, quinacridone, perylene, perinone, diketopyrrolopyrrole, thioindigo, anthraquinone, indanthrone, anthrapyrimidine, flavanthrone, pyranthrone, anthranthrone, dioxazine, triarylcarbonium, quinophthalone) pigments.

- 20. (Previously Presented) The coating composition of claim 19, wherein said pigments have a particle size of less than about 150 nm.
- 21. (Previously Presented) The coating composition of claim 20, wherein said pigments are produced by milling organic pigments with milling media having a particle size less than about 0.3 mm.
- 22. (Previously Presented) The composition of claim 20, wherein said pigments are produced by milling organic pigments with milling media having a particle size less than about 0.1 mm.
- 23. (Previously Presented) The coating composition of claim 15, wherein said resinous binder comprises a curable polymer composition.
- 24. (Previously Presented) The coating composition of claim 15, wherein said reflective pigment is selected from the group consisting of aluminum flake, metal oxide coated mica, graphite flake, and metallic covered glass flake.
- 25. (Currently amended) The coating composition of claim 24, wherein the concentration of said reflective pigment [[is]] in said coating composition is about 0.1 wt.% to about 50 wt.%.
- 26. (Previously Presented) A coated article comprising a substrate and the coating composition of claim 15, wherein said colorants are present in a first layer and said reflective pigments are present in a second layer underlying said first layer.
- 27. (Previously Presented) The coated article of claim 26, further comprising a third layer overlying said first layer, said third layer comprising an uncolored polymer composition.
- 28. (Currently amended) A coating composition for applying to a substrate comprising:

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a resinous binder having dispersed therein colorant dyes and reflective pigments,

wherein said dyes absorb visible light at a first wavelength band and produce fluorescent

light at a second wavelength band when exposed to visible light, said coating composition

exhibiting a first appearance on face dominated by absorbance of light by said colorant dyes

and a second appearance on flop dominated by fluorescence of the colorant dyes, said dyes

being selected from the group consisting of acridines, anthraquinones, coumarins,

diphenylmethanes, diphenylnaphthylmethanes, quinolones, stilbenes and

triphenylmethanes.

29. (Previously Presented) The coating composition of claim 28, wherein the concentration

of said colorant dyes in said coating composition is about 0.001 wt.% to about 50 wt.%.

30. (Currently amended) The coating composition of claim 28, wherein the concentration of

said reflective pigment [[is]] in said coating composition is about 0.1 wt.% to about 50 wt.%.

31. (Currently amended) A coating composition for applying to a substrate comprising:

a resinous binder having dispersed therein colorant pigments and reflective

pigments, wherein said colorant pigments absorb visible light at a first wavelength band and

produce fluorescent light at a second wavelength band when exposed to visible light, said

coating composition exhibiting a first appearance on face dominated by absorbance of light

by said colorants and a second appearance on flop dominated by fluorescence of the

colorant pigments, said colorant pigments being selected from the group consisting of azo

(monoazo, disazo), naphthol, naphthol AS, salt type (lakes), benzimidazolone, condensation,

metal complex, isoindolinone, isoindoline and polycyclic (phthalocyanine, quinacridone,

perylene, perinone, diketopyrrolopyrrole, thioindigo, anthraquinone, indanthrone,

anthrapyrimidine, flavanthrone, pyranthrone, anthanthrone, dioxazine, triarylcarbonium,

quinophthalone) pigments, wherein the colorant pigments do not induce significant diffuse

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reflectance size of the colorant pigment particles is selected so that the pigment particles will not scatter light effectively.

32. (Previously Presented) The coating composition of claim 31, wherein said colorant pigments have a particle size of less than about 150 nm.

33. (Previously Presented) The coating composition of claim 31, wherein the concentration of said colorant pigments in said coating composition is about 0.001 wt.% to about 20 wt.%.

34. (Previously Presented) The coating composition of claim 31, wherein the concentration

of said reflective pigment is in said coating composition is about 0.1 wt.% to about 50 wt.%.

35. (Currently amended) A coating composition for applying to a substrate comprising:

a resinous binder having dispersed therein colorants and reflective pigments, wherein said colorants absorb visible light at a first wavelength band and produce fluorescent light at a second wavelength band when exposed to visible light, said coating composition exhibiting a first appearance on face dominated by absorbance of light by said colorants and a second appearance on flop dominated by fluorescence of the colorants, wherein said reflective pigment is selected from the group consisting of aluminum flake, metal oxide, coated mica, graphite flake, and metallic covered glass flake, and wherein the reflective pigment present in the coating composition in a concentration of about 0.1 wt.% to about 50 wt.% and wherein when the colorant comprises colorant pigments, the colorant pigments do not induce significant diffuse reflectance size of the colorant pigment particles is selected so that the pigment particles will not scatter light effectively.

36. (Previously Presented) A coating composition for applying to a substrate comprising:

a resinous binder having dispersed therein colorants and reflective pigments, wherein said colorants absorb visible light at a first wavelength band and produce fluorescent light at a second wavelength band when exposed to visible light, said coating